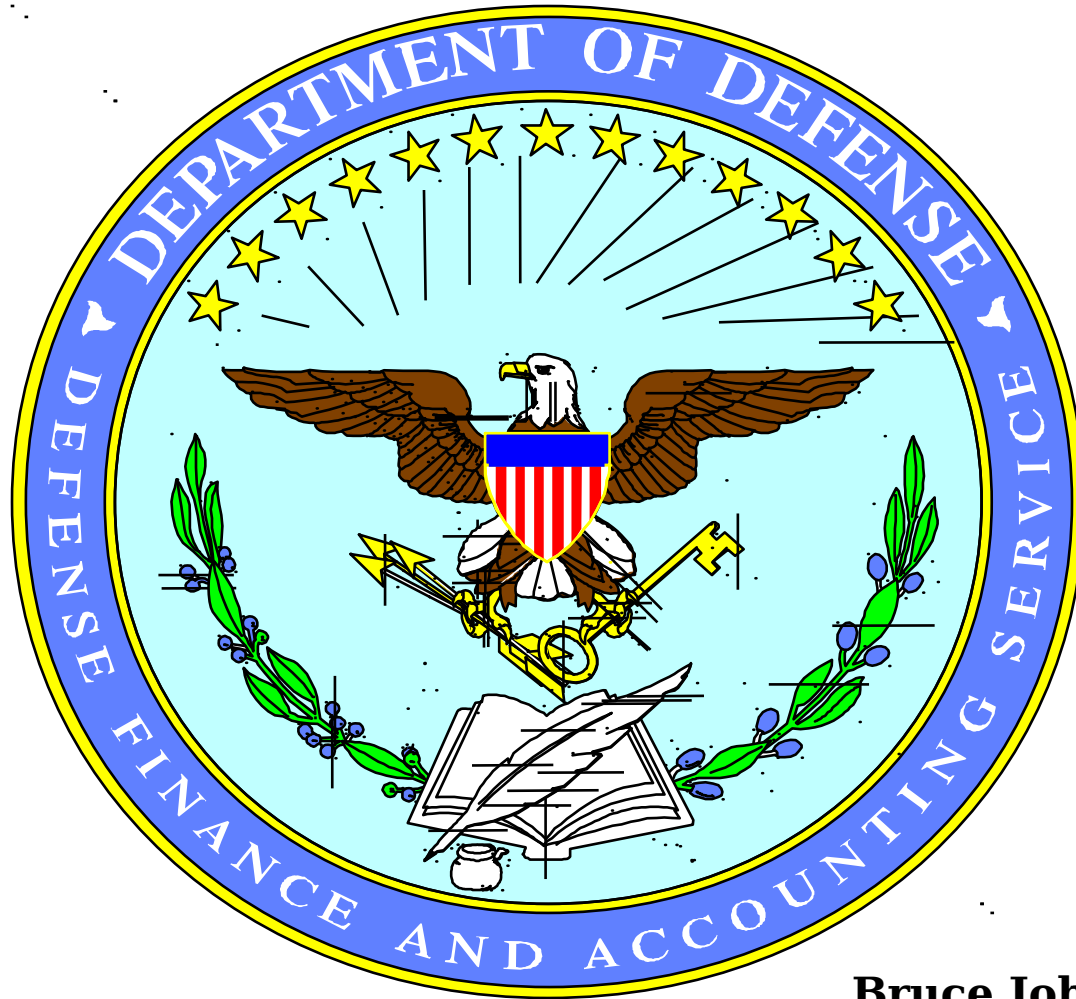
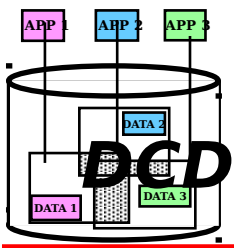


DFAS Corporate Database (DCD) - An Overview

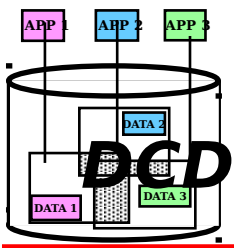


Bruce Johnson
Assistant Deputy Director for
Corporate Database
Systems Integration Directorate



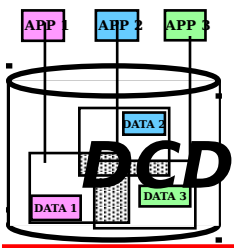
Agenda

- Vision
- Current Environment
- Target Environment & Architecture
- DCD Migration Concept & Strategy
- DCD - A Reengineering Initiative
- DCD Building Blocks
- Standard Fiscal Code (SFC):
 - Objectives
 - Coexistence
 - Facts
- Schedule
- Benefits

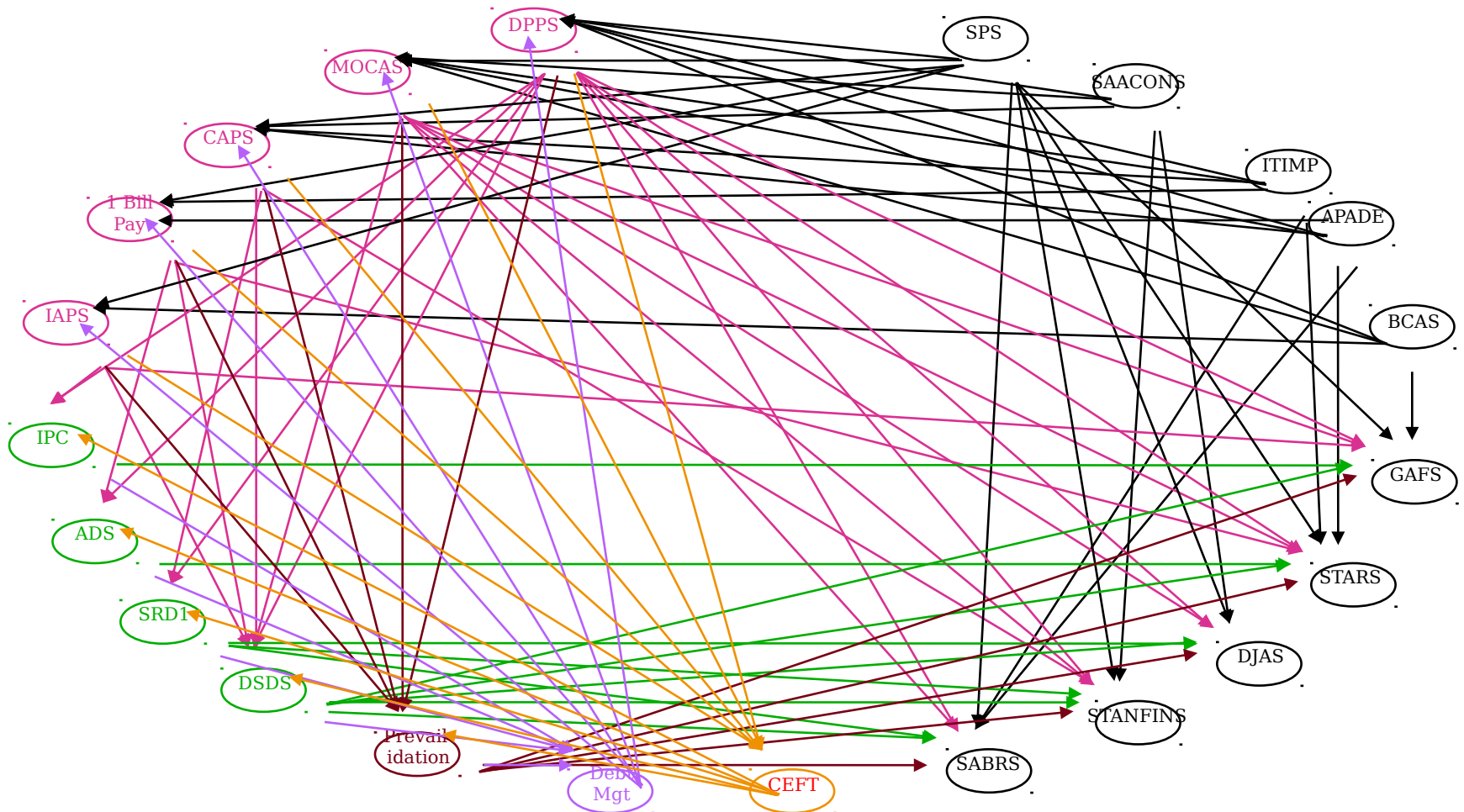


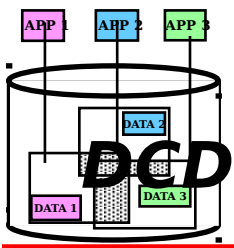
Visio

n
*Integrated finance and
accounting architecture that
supports all financial
management functions.*



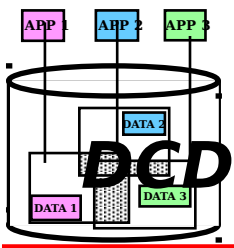
Current Environment





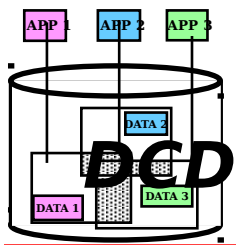
Target Environment

- Implement open system environment
- Establish a database structure that supports all financial management functions
- Share data between functions; data is stored once and accessed by multiple applications
- Develop a single application for each finance and accounting function
 - Standardized across business areas to the extent possible
 - Unique requirements supported by separate modules

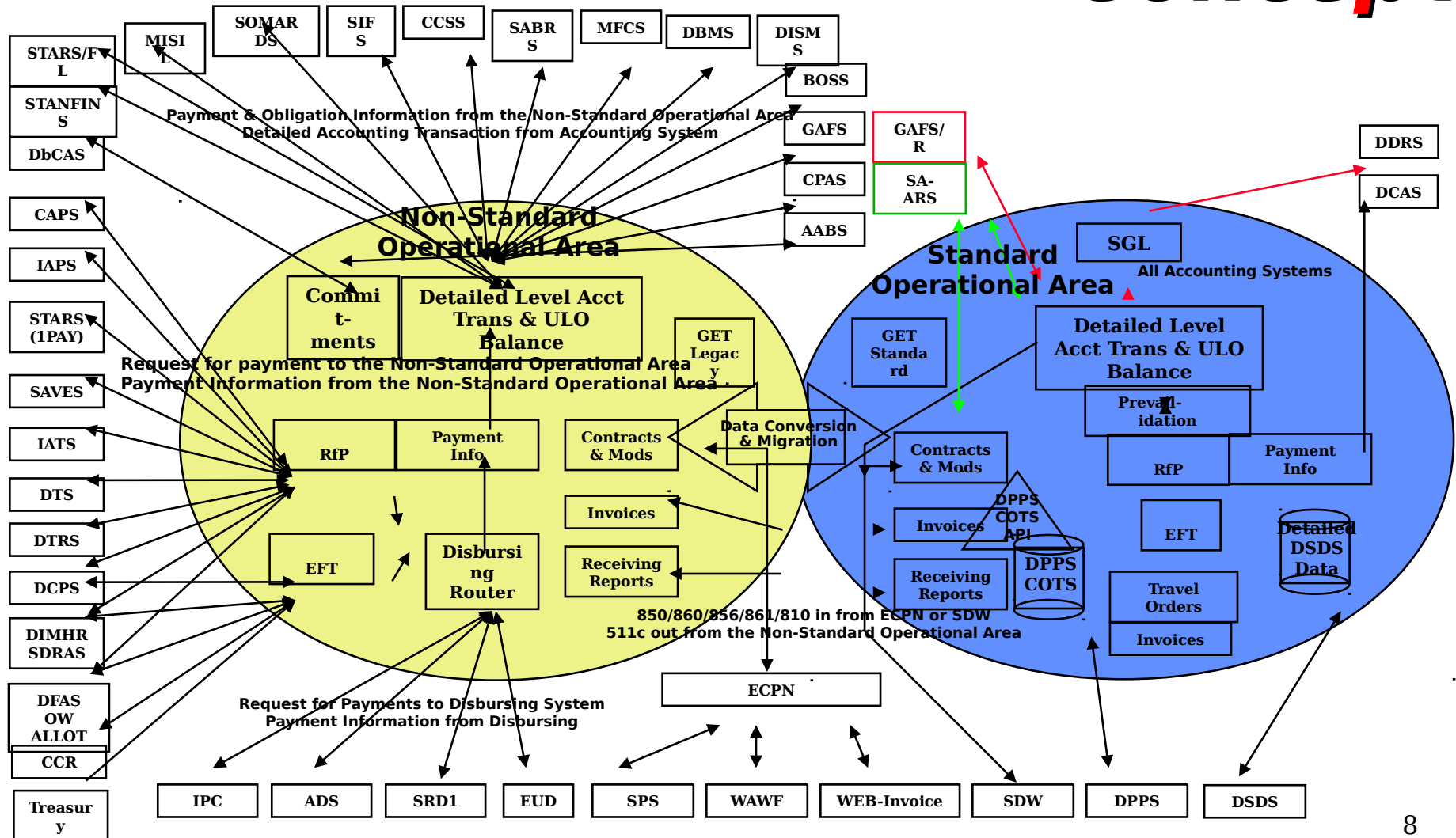


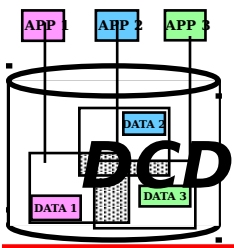
Target Environment

- **Institutionalize standard Functional Concepts**
 - Develop the line of accounting (LOA) incrementally
 - Each accounting event assigned a unique identifier
 - All subsequent transactions (obligation, accrual, disbursement) only enter the unique identifier, not full LOA

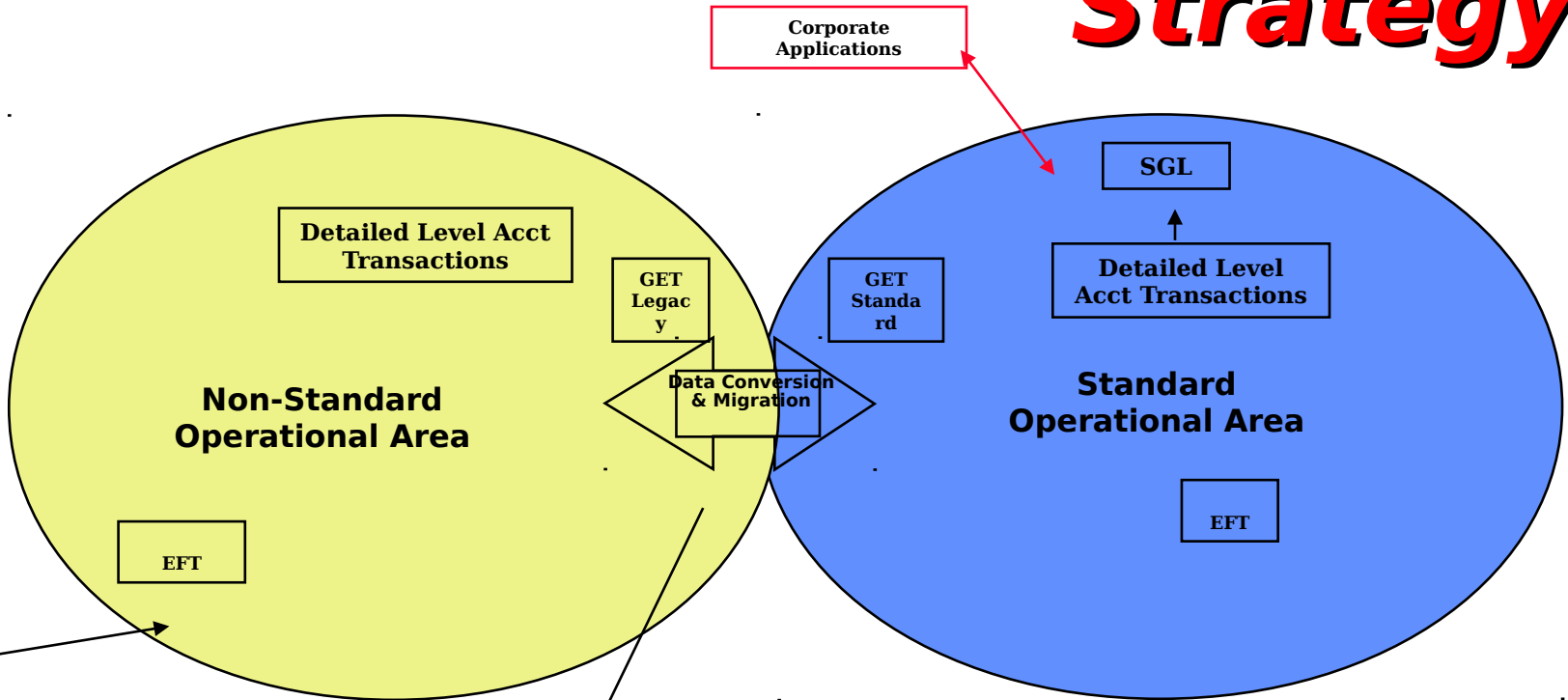


DCD Migration Concept



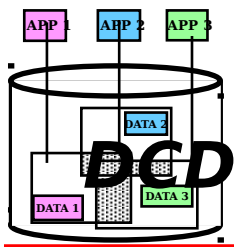


Data Migration Strategy



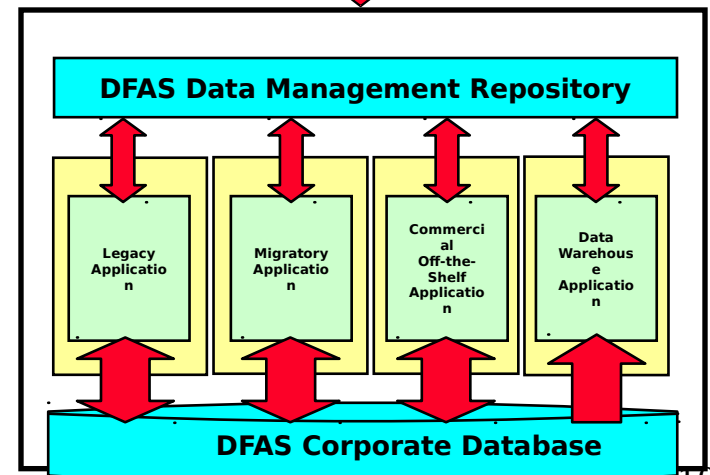
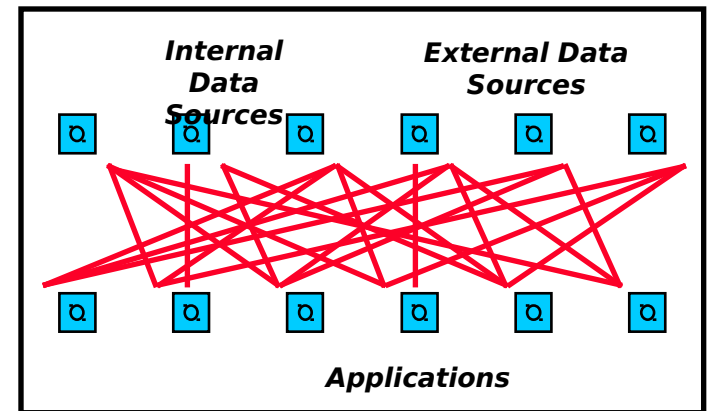
Fin., Acctg., Feeder Systems

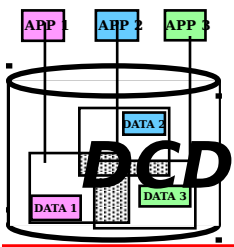
EOR	Obj. Class			
Legacy Value	Target Value	Description		
2572	253.Z000	Other Pur. Svcs		
3100	310.A000	Equipment - Mobilization		



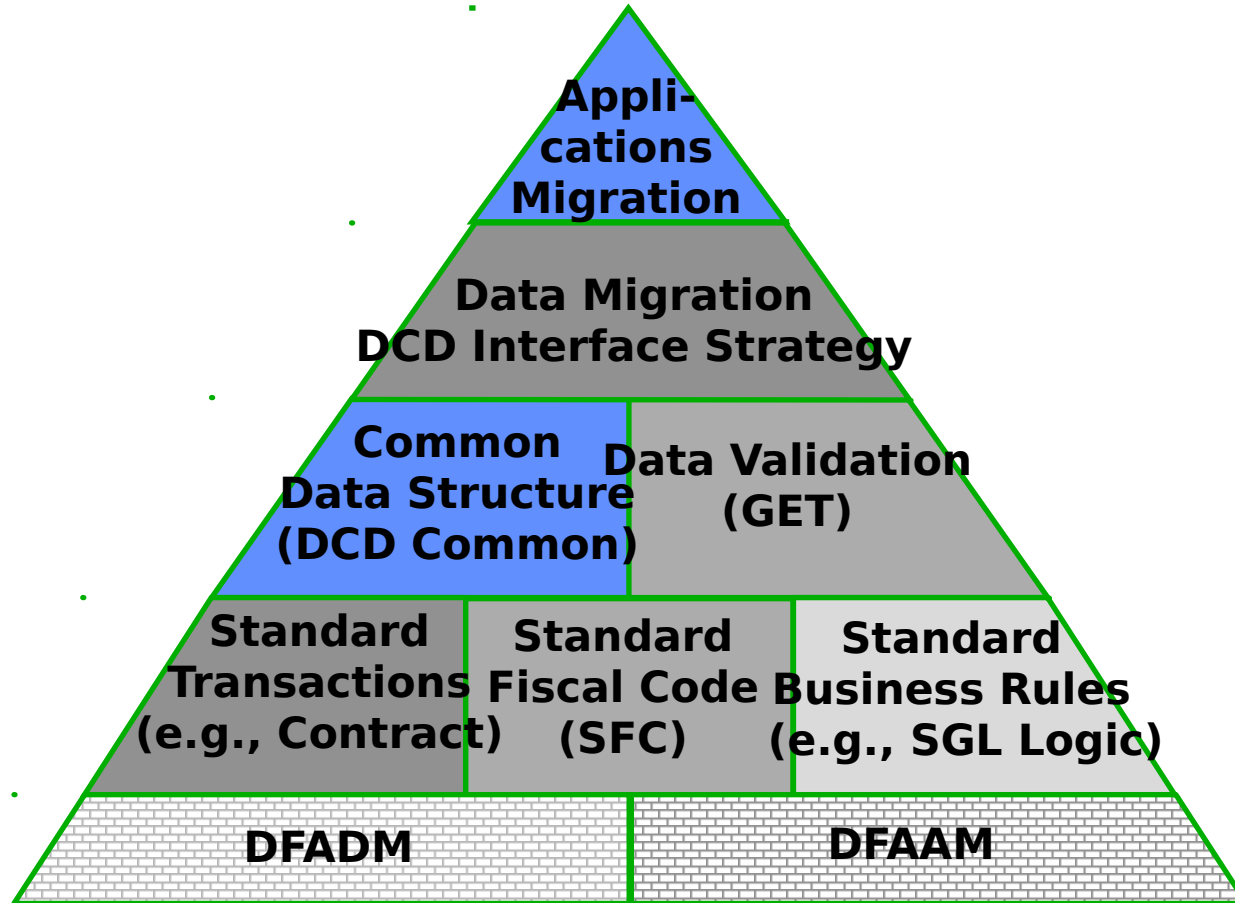
DCD: A Reengineering Initiative

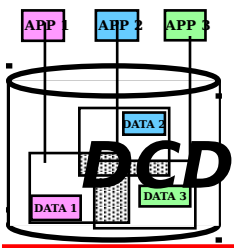
- Use standard business language (i.e., DDDS/BACC standard data elements)
- Apply consistent business rules (e.g., Standard SGL Pro Forma entries)
- Implement standard transactions that reflect improved business processes
- Perform standard edits using centrally managed Global Edit Tables (GET)
- Use Standard interface formats (e.g., EDI)
- Maximize use of Electronic Commerce (e.g., WAWF, EDM)





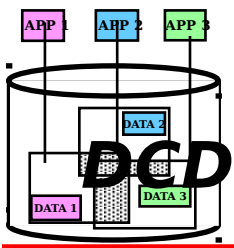
DCD Building Blocks





SFC Objectives

- Use DoD standard business rules to accomplish funds control and SGL proforma postings within DCD.
- Provide capability to transmit transaction, including associated appropriation data, to applicable system without requiring backward data conversion.
- Accomplish edits on BACC current values (i.e., current/legacy appropriation line).
- Perform crosswalk/data conversion from BACC current to target values and perform GET validation. Cross-walk will not place a current value into a

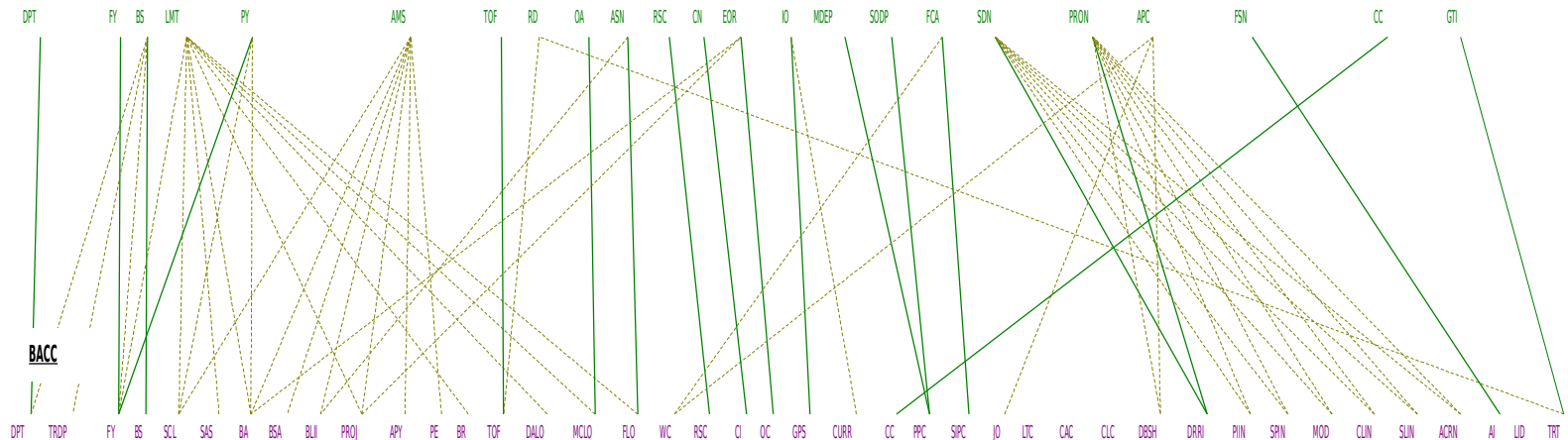


Coexistence

- Legacy and interim migratory systems, both feeder and DFAS systems will continue in operation for the next several years without implementation of BACC. The DCD will have to be capable of receiving data from said systems, converting to SFC for corporate applications, and be able to convert back to current appropriation line to interact with existing systems.
- While it is possible to place a current appropriation value in a SFC standard data element which represents it's primary function, in a majority of instances, the value is also used to derive population of other SFC elements

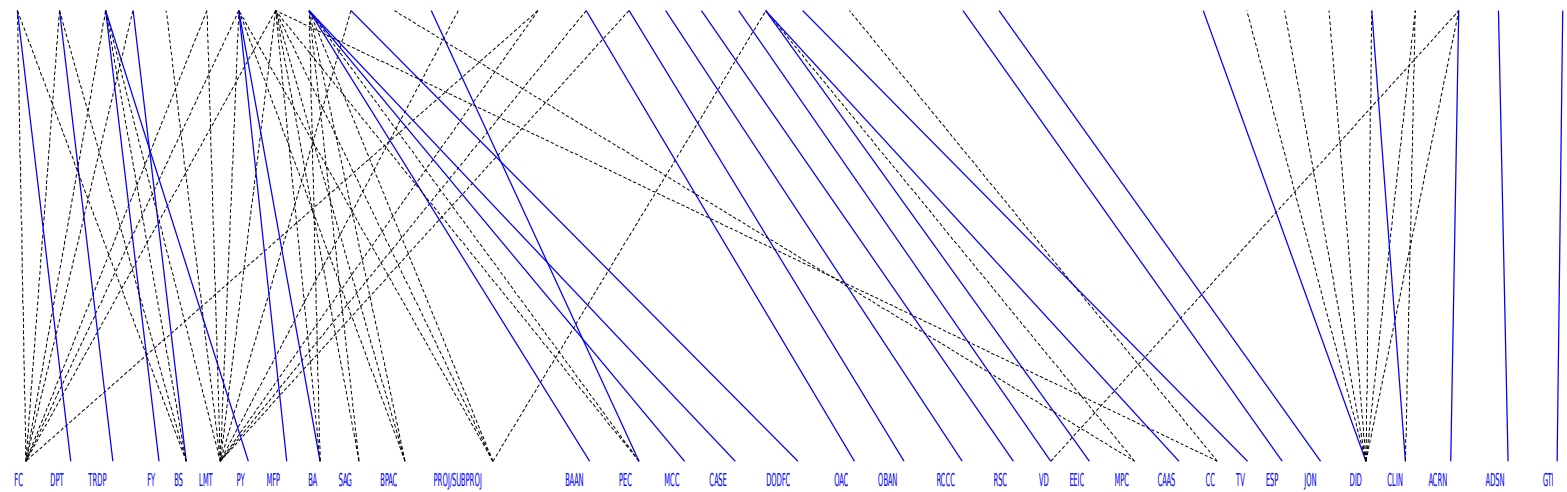
BACC Operational Crosswalk

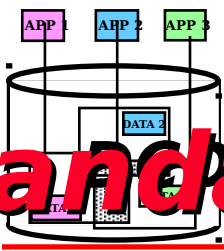
Army/Defense PLOA



BACC

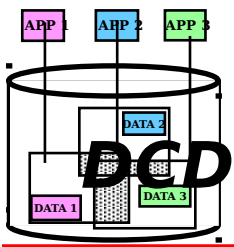
Air Force PLOA



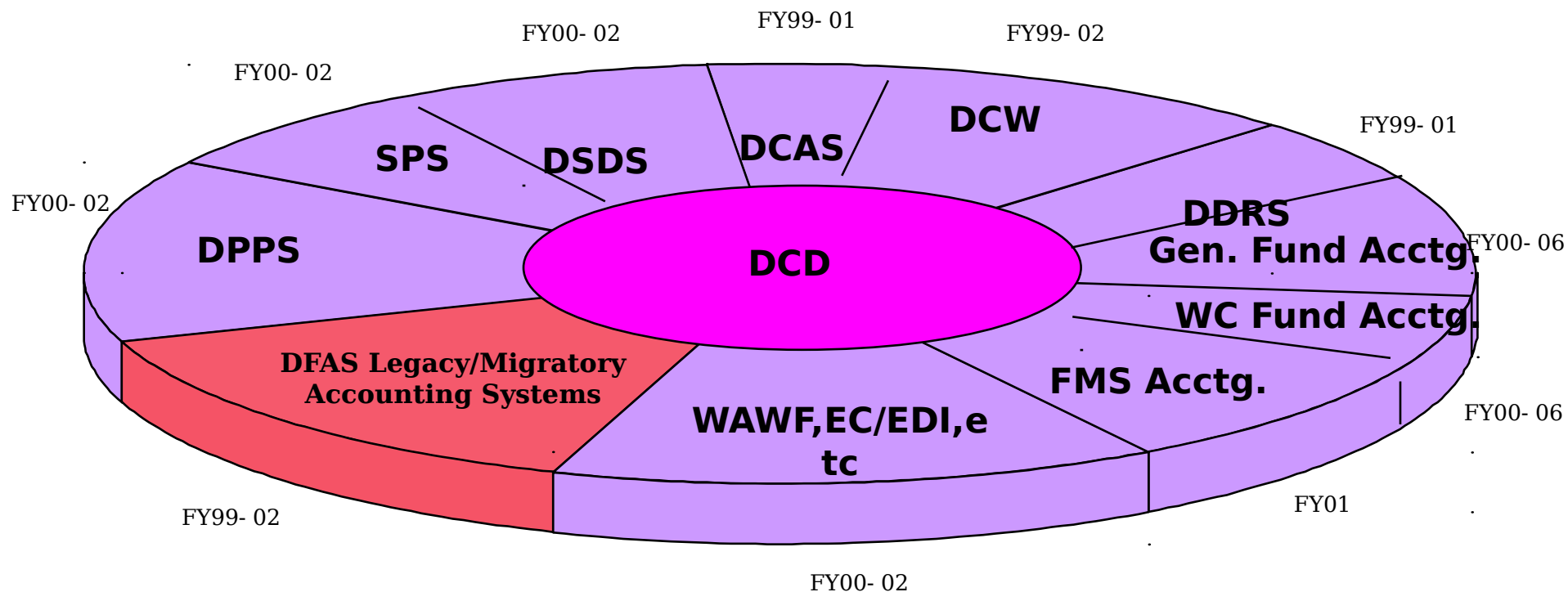


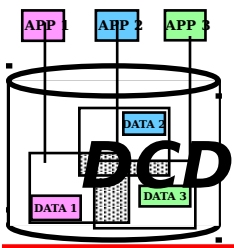
Standard Fiscal Code (SFC) Facts

- 11 Stewards (Congress, Treasury, OMB, etc)
- 46 Data Elements, 271 Characters
 - DFAS is the **Steward of** 4 Data Elements
 - DFAS **Maintains** 11 Data Elements for the Service Component
- 7 Primary Identifiers for the Major Accounting Events (FAD #, Fund Acct #, Commit Ref #, Oblig. Doc #, etc.)
- 4 Data Elements Common to all Accounting Events (Transaction Type, Tran. Amount, Tran. Quantity, and Tran. Effective Date)
- **CONCLUSION: In Target Environment, only 5-7 Elements Required to Capture a Accounting Event**



Schedule





Benefits

- **At completion, the DCD will eliminate problems in the the following areas:**
 - Intransits, Problem Disbursements, Cross Disbursements, Prevalidation, Reconciliations, Departmental Reporting, and Cash Accountability
 - The DCD will also facilitate:
 - Increased internal controls and end-to end audit trail
 - Delivery of PMI, Trend Analyses, and Strategic & Tactical Management Information in near real time
 - Reduced systems development and production